



Fig. 1

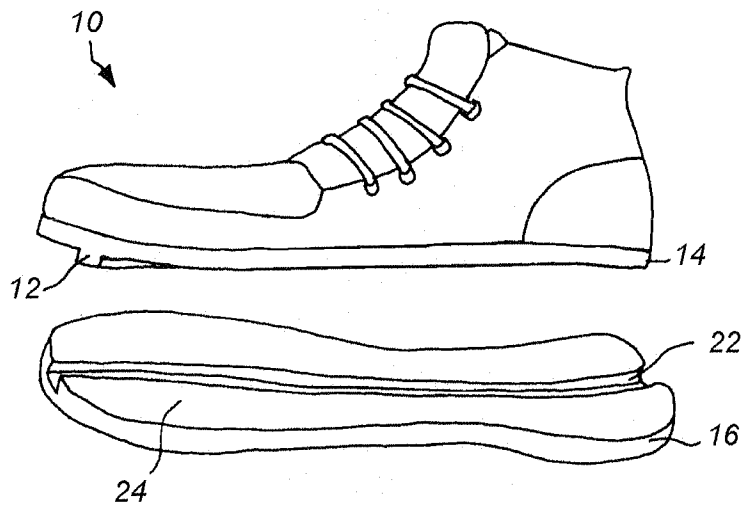


Fig. 2

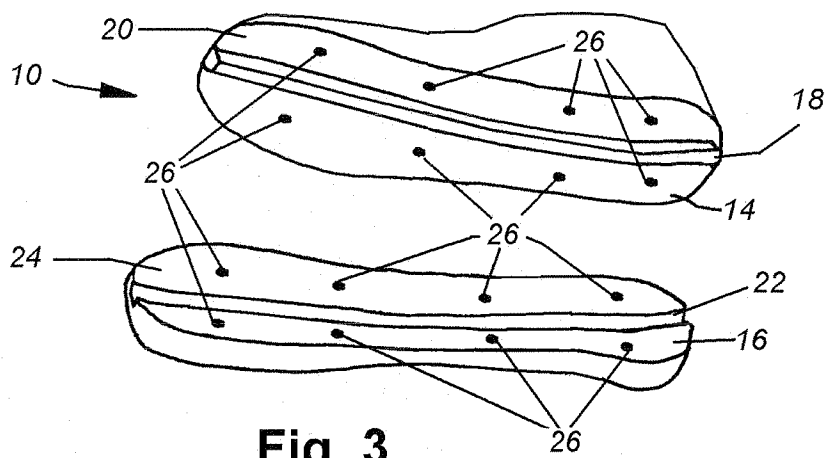


Fig. 3

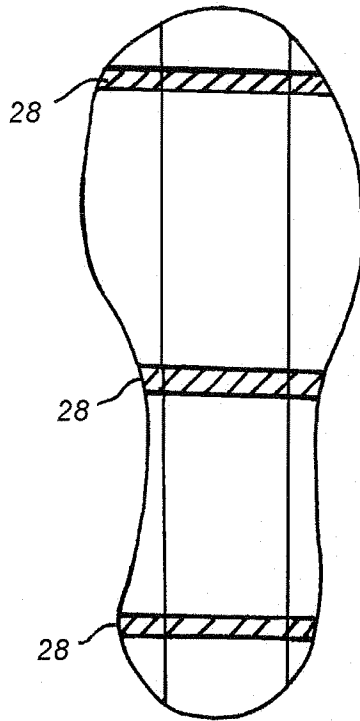


Fig. 4

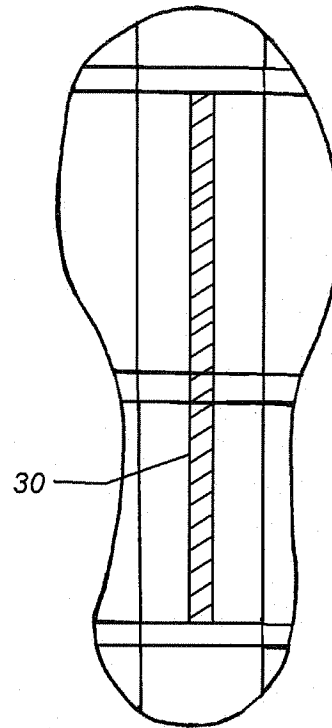


Fig. 5

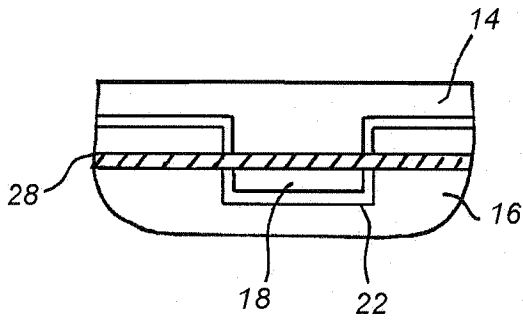


Fig. 6

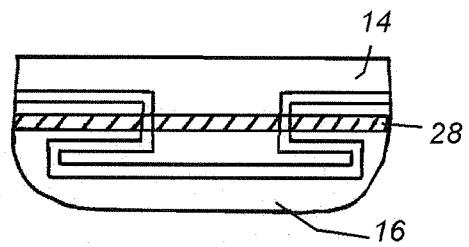


Fig. 7

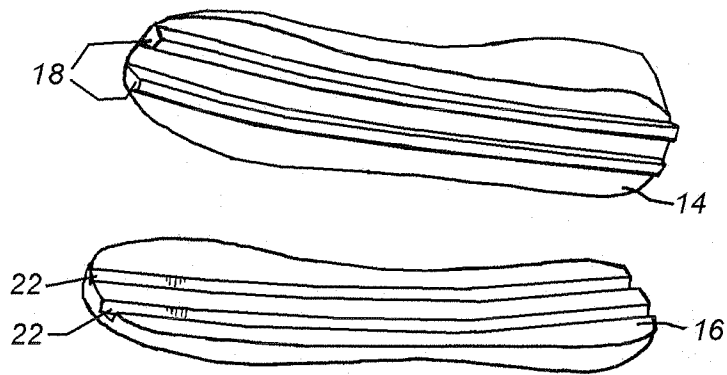


Fig. 8

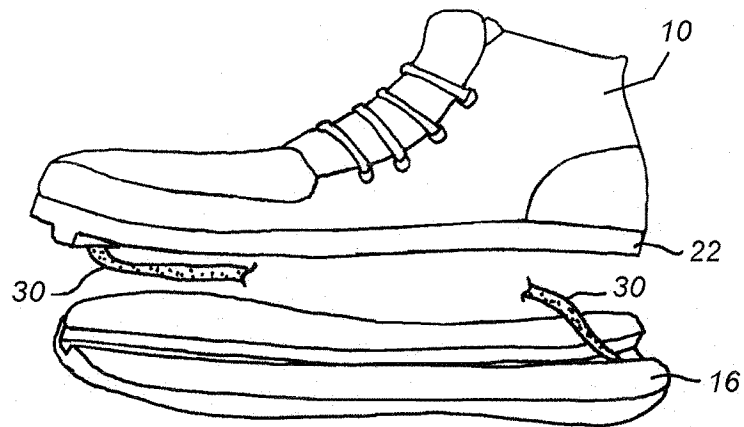


Fig. 8

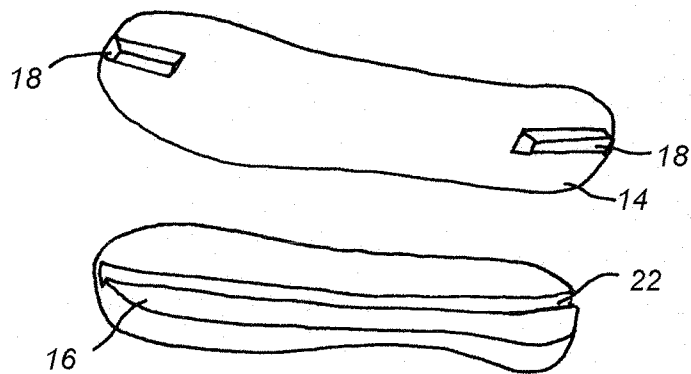


Fig. 9

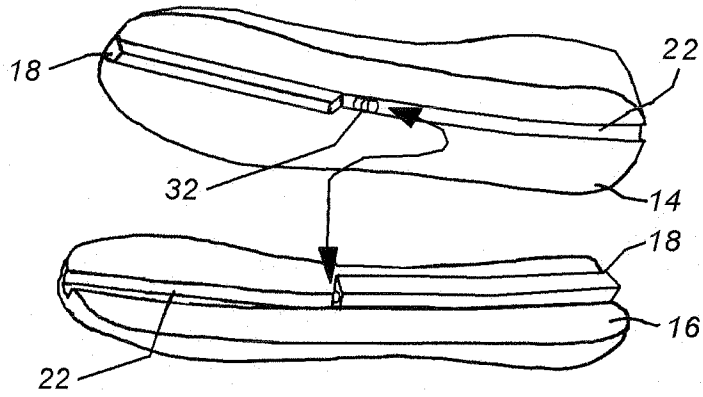


Fig. 11

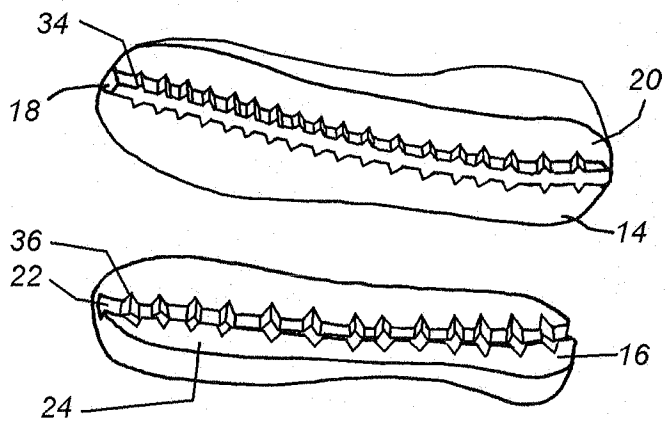


Fig. 12

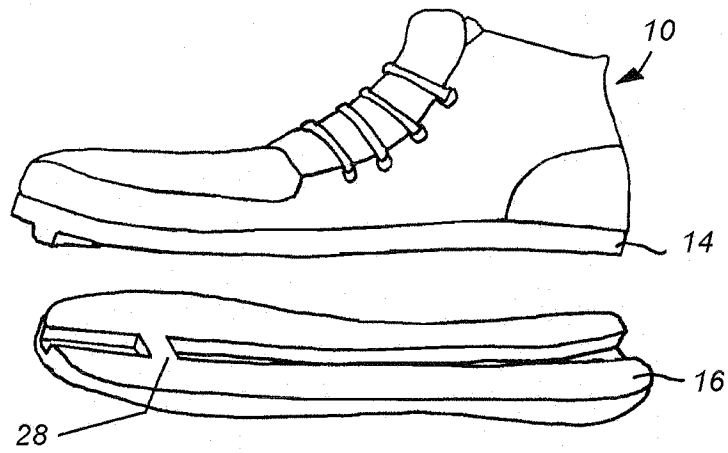


Fig. 13

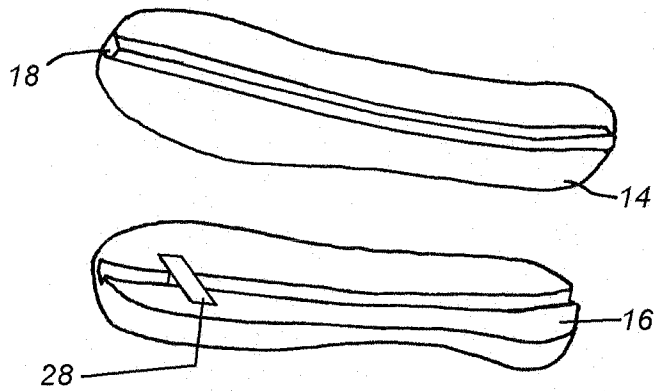


Fig. 14

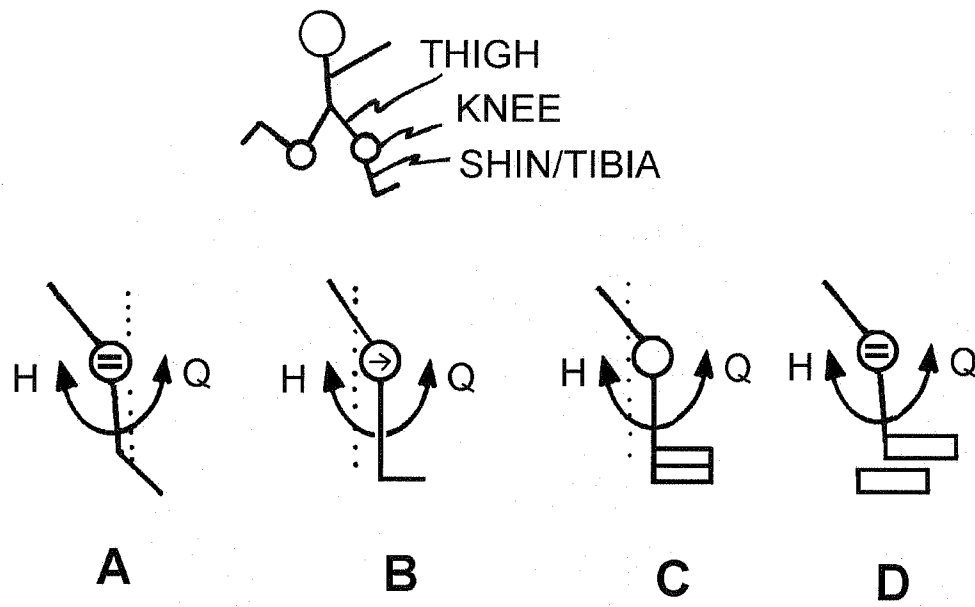


Fig. 15

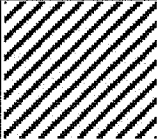
	QUADRACEPS	HAMSTRINGS	CENTER OF GRAVITY OF BODY	TRANSLATION FORCE ON TIBIA	FOOT	KNEE
NORMAL STOPPING	NORMAL FIRING/ CONTRACTION	NORMAL FIRING/ CONTRACTION	IN FRONT OF KNEE	EQUAL QUAD/HAM CONTRACTION -NO ANT./POST-FORCE	FIXED ON FLOOR	NO INJURY
NONCONTACT ACL INJURY	MAXIMAL FIRING/ CONTRACTION	NORIMAL FIRING/ CONTRACTION	BEHIND KNEE	UNBALANCED QUAD/HAM CONTRACTION; LEADS TO ANTERIOR FORCE	FIXED ON FLOOR	ACL TEARS
INJURY PREVENTING SHOE SOLE	MAXIMAL FIRING/ CONTRACTION	NORMAL FIRING/ CONTRACTION	BEHIND KNEE	UNBALANCED QUAD/HAM CONTRACTION; NO ANT./POST. FORCE SINCE FOOT NOT FIXED	RELEASES ALLOWING LEG TO EXTEND	NO ACL INJURY

FIG. 16

